

Live/Dead® Fixable Dead Cell Stain Kits

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Revision A.0

Detailed protocol is available online at www.lifetechnologies.com/manuals.

WARNING! For every chemical, read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves. Safety Data Sheets (SDSs) are available from www.lifetechnologies.com/support.

Chemical	CAS	Warning
DMSO	67-68-5	Components of the product may be absorbed into the body through the skin.

1. Thaw all reagents. Add 50 μ L of Component B to 1 vial of Component A. Mix well. Use as soon as possible.
2. Centrifuge 1×10^6 cells. Wash and resuspend the cells in 1 mL PBS.
3. Add 1 μ L of the dissolved dye (from step 1) to the cells and mix well. Incubate for 30 minutes, protected from light.
4. *Optional:* Wash and fix the cells with 100 μ L of 37% formaldehyde for 15 minutes.

For Research Use Only. Not for use in diagnostic procedures.

Excitation Source and Detection Channel

Reactive dye	Excitation	Detection
Blue fluorescent	UV	~450 nm
Violet fluorescent	405 nm	~450 nm
Aqua fluorescent	405 nm	~525 nm
Yellow fluorescent	405 nm	~575 nm
Green fluorescent	488 nm	~530 nm
Red fluorescent	488 nm	~ 585 nm
Far red fluorescent	633/635 nm	~660 nm
Near-IR fluorescent	633/635 nm	~780 nm

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